

CLAIM:

1. In an agricultural combine, an unloading auger comprising:
 - a) a vertical infeed section;
 - b) A horizontal outfeed section;
 - c) said horizontal section including two segments that can be relatively pivoted into a storage position and coaxially connected in an unloading position.
2. The unloading auger according to Claim 1, further comprising a hinge between said two segments.
3. The unloading auger according to Claim 2, further comprising:
 - a) an actuator between said two segments that rotates the two segments around said hinge;
 - b) a latch between said two segments that locks the segments together when said unloading auger is in said unloading position; and
 - c) a self-connecting coupler that locks the flightings of said two segments together when said unloading auger is in said unloading position.
4. The unloading auger according to Claim 3, wherein:
 - a) said actuator is a hydraulic cylinder; and
 - b) said unloading auger includes a safety mechanism that prevents grain from being accidentally released through an open end of one of said segments when said unloading auger is in said storage position.

5. The unloading auger according to Claim 4, wherein

a) said two segments includes a first segment and a second segment; and

b) said first and second segments are positioned generally parallel to the longitudinal axis of said combine with the second segment being positioned generally adjacent to the outside edge of said first segment when said unloading auger is in said storage position.

6. An agricultural combine having an unloading auger, comprising:

a) a horizontal section of said unloading auger having a plurality of segments; and

b) a hinged joint that pivotally connects each of said plurality of segments.

7. The agricultural combine according to Claim 6, wherein said unloading auger is relocated between a storage position and an unloading position with remote controls.

8. The agricultural combine according to Claim 6, wherein said unloading auger is relocated between a storage position and an unloading position manually.

9. The agricultural combine according to Claim 6, wherein said plurality of segments consists of a first segment and a second segment.

10. The agricultural combine according to Claim 9, wherein:

a) said combine includes a body with a rearmost end; and

b) no portion of said first segment and said second segment extends beyond said rearmost end when said unloading auger is in said storage position.

11. The agricultural combine according to Claim 10, further comprising:

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- a) a hydraulic cylinder that rotates said first segment and said second segment around said hinged joint;
 - b) a latch between said first segment and said second segment that locks said hinged joint when said unloading auger is in an unloading position; and
 - c) a self-connecting coupler that locks the flightings of said first segment and said second segment together when said unloading auger is in said unloading position.

12. The agricultural combine according to Claim 9, wherein said first segment is generally parallel and said second segment is generally transverse to the longitudinal axis of said combine with the second segment positioned generally along the rear end of said combine when said unloading auger is in a storage position.

13. The agricultural combine according to Claim 9, wherein said first segment and said second segment are generally parallel to the longitudinal axis of said combine with the second segment positioned generally adjacent to the inside edge of the first segment when said unloading auger is in a storage position.

14. The agricultural combine according to Claim 9, wherein said first segment is generally parallel to the longitudinal axis of said combine and said second segment is generally positioned vertically to the ground.